

We Claim

1. A dried pet food comprising a matrix comprising a denatured protein source,
a gelatinized carbohydrate source, about 2% to about 15% by weight insoluble
fiber, a humectant in an amount sufficient for reducing brittleness of the matrix;
5 and the dried pet food having a moisture content of less than 10% by weight.
2. A dried pet food according to claim 1 which comprises about 0.5% to about
5% by weight of the humectant.
- 10 3. A dried pet food according to claim 2 in which the humectant is glycerin.
4. A dried pet food according to claim 1 which comprises about 3% to about
10% by weight of insoluble fiber.
- 15 5. A dried pet food according to claim 4 in which the insoluble fiber is a
cellulose fiber.
6. A dried pet food according to claim 1 which has a density of about 250
kg/m³ to about 320 kg/m³.
20
7. A dried pet food according to claim 1 in the form of a cat kibble which has a
length of at least 6 mm, a thickness of at least 6 mm, and in which the minimum
distance from a center of gravity of the matrix to a surface of the matrix is about 3
mm.
25
8. A dried pet food according to claim 1 which has a moisture content of about
3% to about 7% by weight.

9. A dried pet food comprising a gelatinized matrix comprising a protein source, a carbohydrate source, about 2% to about 15% by weight of insoluble fiber, about 0.5% to about 5% by weight of a humectant in an amount sufficient for reducing brittleness of the matrix, and a moisture content ranging from about 3% to about 7% by weight.

10. A dried pet food according to claim 9 in which the humectant is glycerin.

11. A dried pet food according to claim 9 in which the insoluble fiber is a cellulose fiber.

12. A dried pet food according to claim 9 which has a density of about 250 kg/m³ to about 320 kg/m³.

13. A dried pet food according to claim 9 in the form of a cat kibble which has a length of at least 6 mm, a thickness of at least 6 mm, and in which the minimum distance from a center of gravity of the gelatinized matrix to a surface of the gelatinized matrix is about 3 mm.

14. A dried cat food kibble comprising a matrix comprising a gelatinized protein source, a gelatinized carbohydrate source, about 2% to about 15% by weight insoluble fiber, and a humectant in an amount sufficient for reducing brittleness of the matrix, the kibble having a moisture content of less than 10% by weight and a length of at least 6 mm, a thickness of at least 6 mm, and in which the minimum distance from a center of gravity of the matrix to a surface of the matrix is about 3 mm.

15. A dried cat food kibble according to claim 14 which comprises about 0.5% to about 5% by weight of the humectant.

5 16. A dried cat food kibble according to claim 14 in which the humectant is glycerin.

17. A dried cat food kibble according to claim 14 in which the insoluble fiber is a cellulose fiber.

10 18. A dried cat food kibble according to claim 14 which has a density of about 250 kg/m³ to about 320 kg/m³.

15 19. A dried cat food kibble according to claim 14 into which a probe, having a contact area of about 1 mm² and operated at a speed of about 5 mm/s, penetrates into the matrix for a distance of at least 30% of the thickness of the matrix prior to breaking of the matrix.

20 20. A dried cat food kibble according to claim 14 wherein the moisture content ranges from about 3% to about 7% by weight.

21. A method of reducing calculus and plaque build up on a pet's teeth, the method comprising administering to the pet a dried pet food comprising a gelatinized matrix including a protein source, a carbohydrate source, about 2% to about 15% by weight of insoluble fiber, and a humectant, the pet food having a
25 moisture content of less than 10% by weight and reduced brittleness.

22. The method of claim 21 wherein the dried pet food comprises about 0.5% to about 5% by weight of the humectant.

23. The method of claim 22 wherein the humectant is glycerin.

24. The method of claim 21 wherein the moisture content ranges from about 3%
5 to about 7% by weight.

25. A method of reducing calculus and plaque build up on a cat's teeth, the
method comprising administering to the pet a dried kibble which contains about
2% to about 15% by weight of insoluble fiber and a humectant, has reduced
10 brittleness, a moisture content of less than 10% by weight, and has a length of at
least about 6 mm, a thickness of at least about 6 mm, and in which the minimum
distance from a center of gravity of the matrix to a surface of the matrix is about 3
mm.

15 26. The method of claim 25 wherein the moisture content ranges from about 3%
to about 7% by weight.

27. The method of claim 25 wherein the dried kibble comprises about 0.5% to
about 5% by weight of the humectant.

20

28. The method of claim 25 wherein the humectant is glycerin.

20250606 10:54:00